Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method for remapping packet priority in a data communication switch having a plurality of ports, comprising:

receiving a packet including a first priority value on a first port;

determining a virtual trunk value based on a plurality of values, the plurality of values including a VLAN identifier;

determining a second priority value based on the first priority value and the virtual trunk value; and

transmitting the packet including the second priority value on a second port.

Claim 2 (original): The method according to claim 1, wherein the plurality of values includes an identifier of the first port.

Claim 3 (canceled)

Claim 4 (currently amended): The method according to claim 1 [[3]], wherein the VLAN identifier is included in the packet as received.

Claims 5-6 (canceled)

Claim 7 (original): The method according to claim 1, wherein the step of determining the virtual trunk value includes reducing the plurality of values to a smaller-bit value and using the smaller-bit value in a table look-up.

Claim 8 (previously presented): A method for remapping packet priority in a data communication switch having a plurality of ports, comprising:

receiving a packet including a first priority value on a first port;

determining a second priority value based on the first priority value and a plurality of other values including an identifier of the first port and a VLAN identifier; and

transmitting the packet including the second priority value on a second port.

Claim 9 (cancelled)

Claim 10 (currently amended): The method according to claim 8 [[9]], wherein the VLAN identifier is included in the packet as received.

Claim 11-12 (cancelled)

Claim 13 (previously presented): A network interface for a data communication switch, comprising:

an access controller having a port for receiving a packet including a first priority value; and

a switching engine coupled to the access controller for receiving the packet from the access controller, for

transmitting a plurality of values including a VLAN identifier to a first element in response to the packet, for receiving a virtual trunk identifier from the first element in response to the plurality of values including the VLAN identifier, for transmitting the virtual trunk identifier and the first priority value to a second element, for receiving a second priority value from the second element in response to the virtual trunk identifier and the first priority value and for transmitting the packet including the second priority value.

Claim 14 (original): The network interface according to claim 13, wherein the plurality of values includes an identifier of the port.

Claim 15 (original): The network interface according to claim 13, wherein the packet as received at the access controller includes a VLAN identifier.

Claim 16 (canceled):

Claim 17 (original): A network interface for a data communication switch, comprising:

an access controller having a port for receiving a packet including a first priority value and a VLAN identifier; and

a switching engine coupled to the access controller for receiving the packet from the access controller, for consulting a plurality of databases to resolve a second priority value from a plurality of values including an identifier of the port, the VLAN identifier and the first

priority value and for transmitting the packet including the second priority value.

Claim 18 (previously presented): The network interface of claim 17, wherein the identifier of the port is a virtual port identifier derived from a physical port identifier.